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PTO/\$B/05 (08-00) Approved for use through 10/31/2002. OMB 0851-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCIA

UTILITY PATENT APPLICATION TRANSMITTAL

31257-UT Attorney Docket No.

First Inventor Eugene Mæ∵Levin

METHOD AND APPARATUS FOR PROPULSA AND POWER GENERATION USING SPINNI ELECTRODYNAMIC TETHERS

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Express Mail Label No. | EV003481434US **Assistant Commissioner for Patents APPLICATION ELEMENTS** ADDRESS TO: **Box Patent Application** See MPEP chapter 600 concerning utility patent application contents Washington, DC 20231 Fee Transmittal Form (e.g., PTO/SB/17) CD-ROM or CD-R in duplicate, large table or (Submit an original and a duplicate for fee processing) Computer Program (Appendix) Applicant claims small entity status. 8. Nucleotide and/or Amino Acid Sequence Submission See 37 CFR 1.27. (if applicable, all necessary) (preferred arrangement set forth below) 3. X Computer Readable Form (CRF) - Descriptive title of the invention b. Specification Sequence Listing on: Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D i. ☐ CD-ROM or CD-R (2 copies); or - Reference to sequence listing, a table, ii. Daper or a computer program listing appendix - Background of the Invention Statements verifying identity of above copies - Brief Summary of the Invention **ACCOMPANYING APPLICATION PARTS** - Brief Description of the Drawings (if filed) - Detailed Description Assignment Papers (cover sheet & document(s)) - Claim(s) 37 CFR 3.73(b) Statement Power of - Abstract of the Disclosure (when there is an assignee) Attorney English Translation Document (if applicable) Drawing(s) (35 U.S.C. 113) [Total Sheets 5] Copies of IDS Information Disclosure 5. Oath or Declaration [Total Pages 7] Citations Statement (IDS)/PTO-1449 Newly executed (original or copy) [UNSIGNED] Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 17 completed) **Preliminary Amendment** Return Receipt Postcard (MPEP 503) (Should be specifically itemized) **DELETION OF INVENTOR(S)** Certified Copy of Priority Document(s) (if foreign priority is claimed) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 16. X Other: Associate Power of Attorney; 1.63(d)(2) and 1.33(b). Request and Certification Under 35 USC 2)(B)(i) 6. X Application Data Sheet, See 37 CFR 1.76 17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation of prior application No.:_____ Divisional Continuation-in-part (CIP) Prior application information: Group / Art Unit: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation <u>can only</u> be relied upon when a portion has been inadvertently omitted from the submitted application parts. 18. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label Correspondence address below Name Address City State Zip Code Country Telephone Fax Nam (Print/Type) Deborati A 31,649 Registration No. (Attorney/Agent)

Date March 5, Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$)	58	í
·Ψ	20	١,

Complete if Known				
Application Number				
Filing Date	March 5, 2002			
First Named Inventor	Eugene Ma Levin			
Examiner Name				
Group Art Unit				
Attorney Docket No.	31257-IIT			

METHO	DD OF PAY	MENT (check all that apply)	FEE CALCULATION (continued)					
Check	Credit card	Money Other None	3. ADDITIONAL FEES					
Deposit A	Account:	Order Control Control	Large Entity Small Entity					
Deposit Account	13-4213		Fee Code	Fee (\$)	Fee Cod	Fee e (\$)	Fee Description	Fee Paid
Number			105	130	205	65	Surcharge - late filing fee or oath	
Deposit Account Name	Peacock	, Myers & Adams	127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
		ized to: (check all that apply)	139	130	139	130	Non-English specification	
	s) indicated be		147	2,520	147	2,520	For filing a request for ex parte reexamination	
	-	s) during the pendency of this application	112	920*	112	920°	Requesting publication of SIR prior to	
Charge fee(s) indicated below, except for the filling fee to the above identified deposit account.							Examiner action	
10 1110 20070101		ALCULATION	113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
1. BASIC FI		ALCO LA FIGURA	115	110	215	55	Extension for reply within first month	
Large Entity			116	400	216	200	Extension for reply within second month	
Fee Fee Code (\$)	Fee Fee Code (\$)	Fee Description Fee Paid	117	920	217	460	Extension for reply within third month	
101 740	201 370	114114	118	1,440	218	720	Extension for reply within fourth month	
106 330	206 165	Design filing fee 370	128	1,960	228	980	Extension for reply within fifth month	
107 510	207 255	Plant filing fee	119	320	219	160	Notice of Appeal	
108 740	208 370	Reissue filing fee	120	320	220	160	Filing a brief in support of an appeal	
114 160	214 80	Provisional filing fee	121	280	221	140	Request for oral hearing	
<u>'</u>		SUBTOTAL (1) (6) 370	138	1,510	138	1,510	Petition to institute a public use proceeding	
SUBTOTAL (1) (\$) 370		140	110	240	55	Petition to revive - unavoidable		
2. EXTRA C	CLAIM FEE	S FOR UTILITY AND REISSUE	141	1,280	241	640	Petition to revive - unintentional	
	(,)	Extra Claims below Fee Paid		1,280		640	Utility issue fee (or reissue)	
Total Claims Independent	44 -20		143	460	243		Design issue fee	
Claims	2 - 3	"=	144	620	244	310	Plant issue fee	
Multiple Deper	ndent	L =	122	130	122	130	Petitions to the Commissioner	
Large Entity	Small Entity		123	50	123	50	Processing fee under 37 CFR 1.17(q)	
Fee Fee	Fee Fee	Fee Description	126	180	126	180	Submission of Information Disclosure Stmt	
Code (\$) 103 18	Code (\$) 203 9	Claims In excess of 20	581	40	581	40	Recording each patent assignment per property (times number of properties)	
102 84	202 42	Independent claims in excess of 3	146	740	246	370	Filing a submission after final rejection	
104 280	204 140	Multiple dependent claim, if not paid			l		(37 ČFR § 1.129(a))	
109 84	209 42	** Reissue independent claims over original patent	149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
110 18	210 9	** Reissue claims in excess of 20	179	740	279	370	Request for Continued Examination (RCE)	
	•	and over original patent	169	900	169	900	Request for expedited examination of a design application	
	SUBTOTAL (2) (\$) 216 Other fee (specify)							
**or numbe	r previously pa	id, if greater; For Reissues, see above	*Red	duced b	y Bas	ic Filing	Fee Paid SUBTOTAL (3)	

SUBMITTED BY				Complete (ii	Complete (if applicable)		
Name (Print/Type)	Debdyah AnPeacock	Registration No.	31,649	Telephone	505) 998-1501		
Signature /	la la Muca	1		Date	March 5, 2002		

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IN THE UNITED STATES PATENT AND TRADEMARK

In re application of: Eugene M. Levin and Joseph A. Carroll

Application No.: 0 / UNKNOWN March 5, 2002 Filed:

Group No.: UNKNOWN UNKNOWN

Examiner: For:

METHOD AND APPARATUS FOR PROPULSION AND POWER GENERATION USING

SPINNING ELECTRODYNAMIC TETHERS

Assistant Commissioner for Patents Washington, D.C. 20231

EXPRESS MAIL CERTIFICATE

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Date of Deposit __March 5, 2002

Post Card

I hereby state that the following attached paper or fee

Utility Patent Application Transmittal Fee Transmittal (in duplicate) with \$586 fee check Specification (33 pp) Drawings (5 sheets) Combined Declaration and Poweroof! Attorney (UNSIGNED) Application Data Sheet Associate Power of Attorney Request and Certification Under 35 USC 122(b)(2)(B)(i)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10, on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Diane S. Nelson, Paralegal

Typed or printed name of person mailing paper or fee

Signature of person mailing paper or fee

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(Express Mail Certificate 18-31)

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REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i)

First Named Inventor Eugene M. Levin

Title AND POWER GENERATION USING SPINNING ELECTRODYNAMIC TETHERS

Atty Docket Number 31257-UT

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

March 5, 2002

Date

Signature

Deborah A. Peacock, Reg. No. 31,649

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant must notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).

Burden Hour Statement: This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.